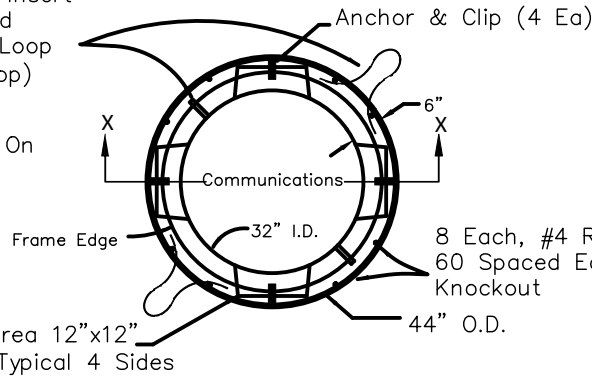


The Clip shall be made from A36 Metal, HD Galvanized (ASTM A123) and in the shape shown.

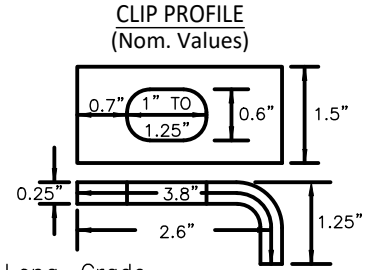
3/4" Dia. Nc Threaded Lift Insert Or Prestressed Cable Lifting Loop (4" To 5" Loop)

Center Casting On Pull Box



8 Each, #4 Rebar 26" Long, Grade 60 Spaced Each Side Of The Knockout

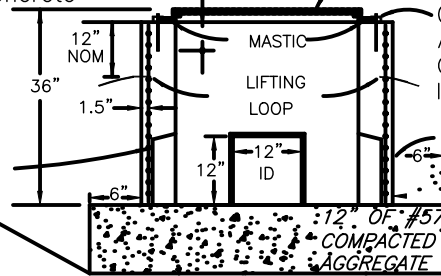
Knockout Area 12"x12" (OD Dim.) Typical 4 Sides



3/4" Dia. Lift Insert 5" Below Top Of Concrete

4" Heavy Duty Frame With Solid Lid With Word "Communications" In Lid. (Meets Astm A48 Class 35b Specs)

Astm A-185 Welded Wire Fabric (6x6, W2.9xw2.9)



0.5"x5.5" (nom.) Sslt Wedge Anchor, Washer And Nut With Clip. Field Drill Anchor Hole In Concrete Pull Box.

Remove Wire Mesh & Rebar In Knockout Area Center Ducts In Knockout

SECTION X-X PULL BOX WITH FRAME AND LID
(Not to Scale)

The Wedge Anchor Assembly Shall Be Omitted Whenever The Entire Area Above The Knockout (1/4 Of The Casting) Is Either Encased In Concrete Or Asphalt. The Encasement Shall Be Centered Around The Knockout.

One coat of hydrozo enviroseal 40, rainstopper 140 or chemtrete bsm40 shall be applied to the inside & outside of the pull box. Concrete shall have air entrapment of 6% ± 2% and shall have 4000 psi strength at 28 days. Lid ring load transfer is to be distributed by use of a preformed mastic joint material. Concrete materials shall meet ODOT specifications. standard placement for wire mesh & rebar shall be used. Cut off conduits so they extend no more than three inches beyond the inside pull box wall. Pull box bearing capacity to exceed 40,000# after the conduits have been installed, any opening in the pull box wall shall be totally filled with mortar or concrete and finished flush with the inside pull box wall. (No voids) Only when specified, conduit entering the pull box other than through a knockout shall have the concrete sawn or core drilled.

Enlarging the knockout area if required shall be done by saw cutting the concrete. No other method is allowed. Contractor shall replace the concrete housing if damaged at his expense. A pull line (polyolefin, #14 cu wire or nylon rope) shall be installed in each conduit (used or unused) and shall be securely fastened at both conduit ends. All unused conduits shall be capped and the caps secured to the conduit with tape. Any conduit that exits a pull box, contains cable and directly enters any electronic cabinet, shall be foam sealed in the pull box.

R-5900-H is an acceptable substitute

Approved By:
[Signature]
City Engineer, EMH&T Inc
[Signature]
City Service Director

STANDARD DIMENSIONS FOR
COMMUNICATION DUCT BANK - PULL BOX

CITY OF GROVE CITY, OHIO	
STANDARD CONSTRUCTION DRAWING	
Revised	Drawing No.
February 2019	C-GC-101